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DESCRIPTORS: *Phosphates, *Phosphorus compounds,
*Oxides, *Iron compounds, Heating, Chemical
precipitation, Chemical reactions, Heat of reaction,
Crystallization, Transformations, *Anhydrides.

(Chemistry--Inorganic, TT, v. 10, no. 11)

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DESCRIPTORS: *Iron compounds, *Phosphorous
compounds, Oxides, *Phosphates, Synthesis (Chemistry),
Calcination, X-ray diffraction analysis, Ultraviolet
spectroscopy, Magnetic properties.

(Chemistry--Inorganic, TT, v. 10, no. 7)

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PREPARATION AND STRUCTURE OF ANHYDROUS
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Order from SLA \$1.60 63-14746

Trans. of Société Chimique de France. Bull[etin]
1944 [ser. 5] v. 11, p. 2-6.

DESCRIPTORS: *Iron compounds, Oxides, *Phosphates,
Anhydrides, Synthesis (Chemistry), Dehydration, Cal-
cination, Phosphoric acid, *Crystal structure, X-ray
diffraction analysis.

Anhydrous ferric metaphosphate $3P_2O_5 \cdot Fe_2O_3$ can be
prepared either by having the ferric oxide dissolved
in phosphoric acid or in metaphosphoric acid through
dehydration of a hydrated ferric metaphosphate, or
also by a direct combining of Fe_2O_3 with P_2O_5 .
The anhydrous ferric metaphosphate will always
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by Means of Direct Current, by O. A. Esin, S. I.
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Dec 59

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DEVELOPED BY STEIGERWALD THROUGH IN-
STALLATION OF AN ADDITIONAL ELECTRODE.
[1961] [12]p. 5 refs.
Order from SLA \$1.60

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Trans. of Optik (West Germany) 1959, v. 16, no. 5,
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DESCRIPTORS: Electron microscopes, *Electron
beams, *Cathodes, Electrodes, Design

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ing system developed by Steigerwald it is possible to
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change the distance of the smallest beam cross section
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iary electrode. The effect of the essential values of
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